

<sup>B<sup>2</sup></sup>  
10 a solvent that is liquid at room temperature.

1 14. (Amended) Ink comprising:

2 a copolymer particle that has a glass transition point less than or equal to 50 °C and a volume  
3 average particle diameter ranging from 0.01 through 2  $\mu$ m obtained from a radical polymeric  
4 monomer consisting essentially of:

<sup>B<sup>3</sup></sup> 5 (a) 20 through 99 wt% of styrene and styrene derivative;

6 <sup>SUB</sup>  
<sup>(C4)</sup> (b) 10 through 80 wt% of alkyl acrylate, alkyl methacrylate and derivatives of alkyl  
7 acrylate and alkyl methacrylate; and

8 (c) 1 wt % or more of polymeric monomer including a polar group;

9 a colorant; and

10 a solvent that is liquid at room temperature.

1 16. (Amended) An ink cartridge including a case and ink which is stored n said case and

2 comprises:

3 <sup>SUB</sup>  
<sup>(C5)</sup> a copolymer particle that has a glass transition point less than or equal to 50 °C and a volume  
4 average particle diameter ranging from 0.01 through 2  $\mu$ m obtained from a radical polymeric

<sup>B<sup>4</sup></sup> 5 monomer consisting essentially of:

6 (a) 20 through 99 wt% of styrene and styrene derivative; and

7 (b) 10 through 80 wt% of alkyl acrylate, alkyl methacrylate and derivatives of alkyl  
8 acrylate and alkyl methacrylate; and

9 (c) 1 wt % or more of polymeric monomer including a polar group;

10 a colorant; and

11 a solvent that is liquid at room temperature.

1 SUB 17. (Amended) A recording device including a head and an ink cartridge supplying ink to  
2 C5 said head, wherein said ink comprises:

3 a copolymer particle that has a glass transition point less than or equal to 50 °C and a volume  
4 average particle diameter ranging from 0.01 through 2  $\mu\text{m}$  obtained from a radical polymeric  
5 monomer consisting essentially of:

6 (a) 20 through 99 wt% of styrene and styrene derivative; and

7 (b) 10 through 80 wt% of alkyl acrylate, alkyl methacrylate and derivatives of alkyl  
8 acrylate and alkyl methacrylate; and

9 (c) 1 wt % or more of polymeric monomer including a polar group;

10 a colorant; and

11 a solvent that is liquid at room temperature.